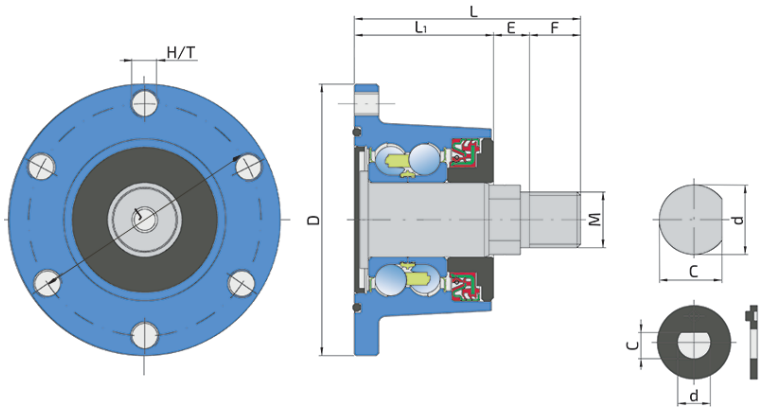
Integrated Flange, Maintenance-Free Bearing For Independent Discs

IL50-100/6T-M24.R

Integrated Flange, Maintenance-Free Bearing For Independent Discs

Disc Harrow

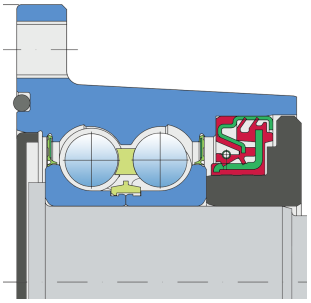


Technical Specification

J	Pitch circle diameter	100	mm
D	Outside diameter	117	mm
H/T	Hole/Thread	6xM10x1.25	mm
d	Shaft diameter	30	mm
C	D-shape hole cut out dimension	27	mm
M	Outher Thread	M24x1.5	mm
L	Total length	97.5	mm
L1	Total flange length	60	mm
E	Length of D shape	15.5	mm
F	Length of threaded part	22	mm
kg	Mass	2.51	kg
Cdyn	Dynamic load rating	60	kN
Co	Static load rating	45.8	kN
Pu	Fatigue load limit	1.92	kN

Sealing

O-RING+SHEET METAL SHIELD+RS SEAL / RS SEAL+DIRTBLOCK SEAL+FORGED COVER PLATE



O-ring, Sheet metal shield and RS seal on the base side and RS seal, Dirtblock seal with Forged cover plate on the front side which is exposed to contaminants.
O-ring, Sheet metal shield and RS seal together with attached disc eliminates the possibility of contamination from the base side.
Dirtblock seal is designed for hard working condition at unfriendly environment. Half metal – half rubber outside diameter provides reliable seal retention in the bore and improves sealing performance. Inside diameter is covered by rubber and improves sealing performance and easy installation. Forged cover plate is additional, strong protection of the Dirtblock seal against mechanical damage.
This sealing provides maximum protection against liquid or solid contaminants, which significantly extends bearing service life.